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JLOTS 04 LOLO Throughput Analysis

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NSWCCD
2-9-05

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JLOTS 04

- LOLO Ops at Puerto Castilla, Honduras
  - T-ACS 5 Flickertail State
  - Cape Trinity

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Data Collection & Analysis

- 175 lifts analyzed
  - 91 on Flickertail State
  - 84 on Cape Trinity
- Cycle times
  - Hook up
  - Transfer
  - Disconnect
  - Return
- Set down time

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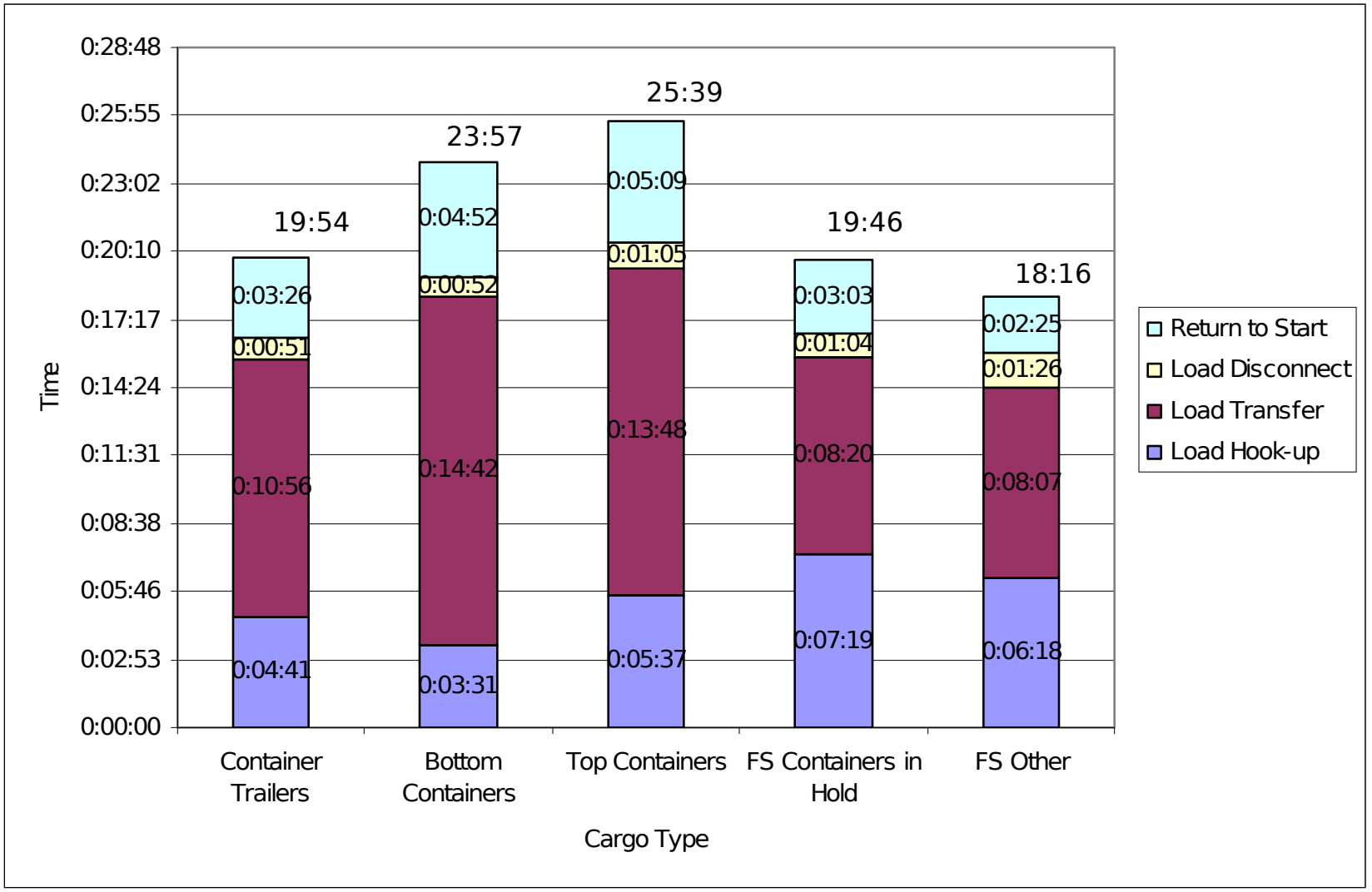
Average Cycle Times



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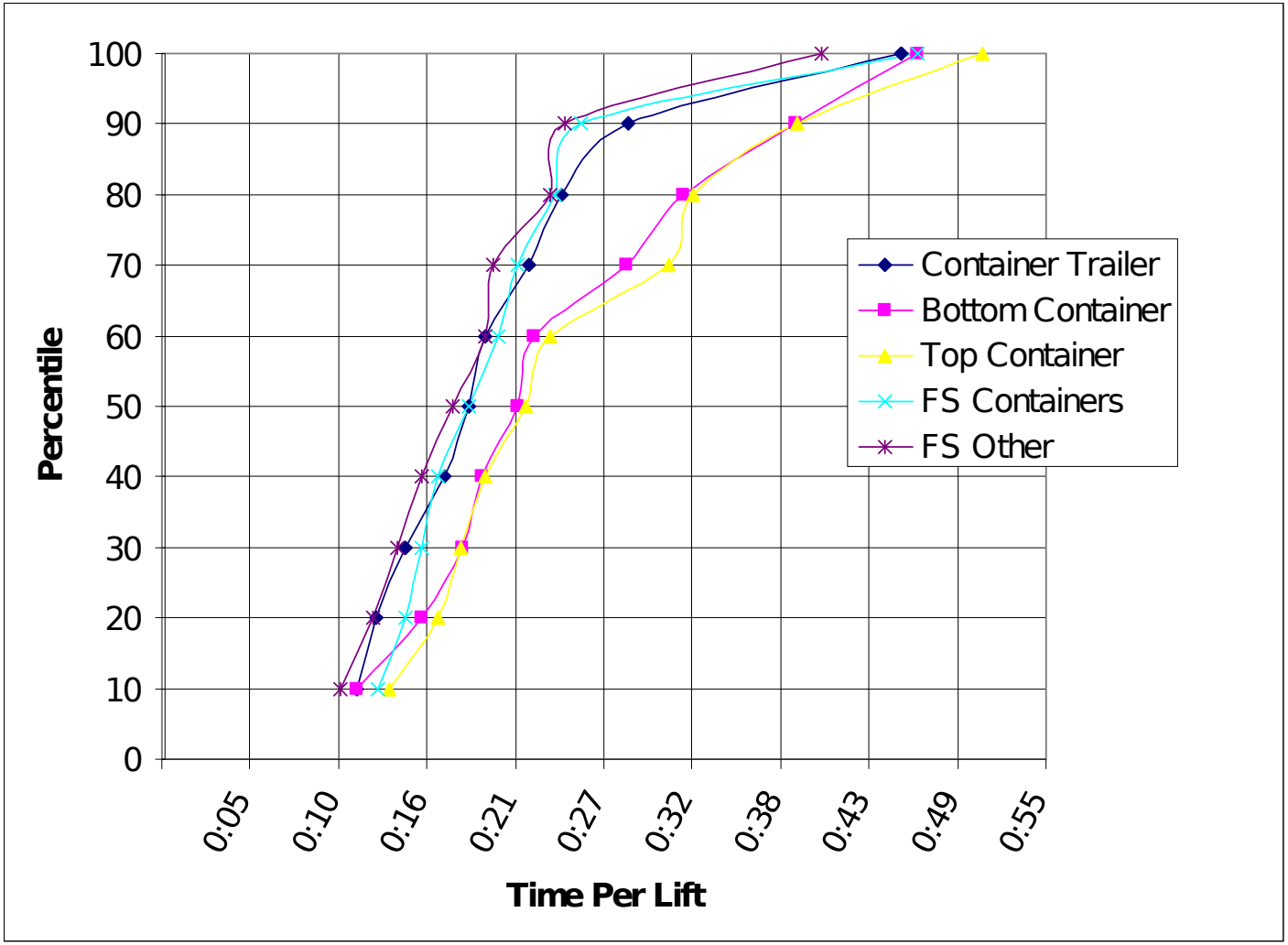
Percentiles



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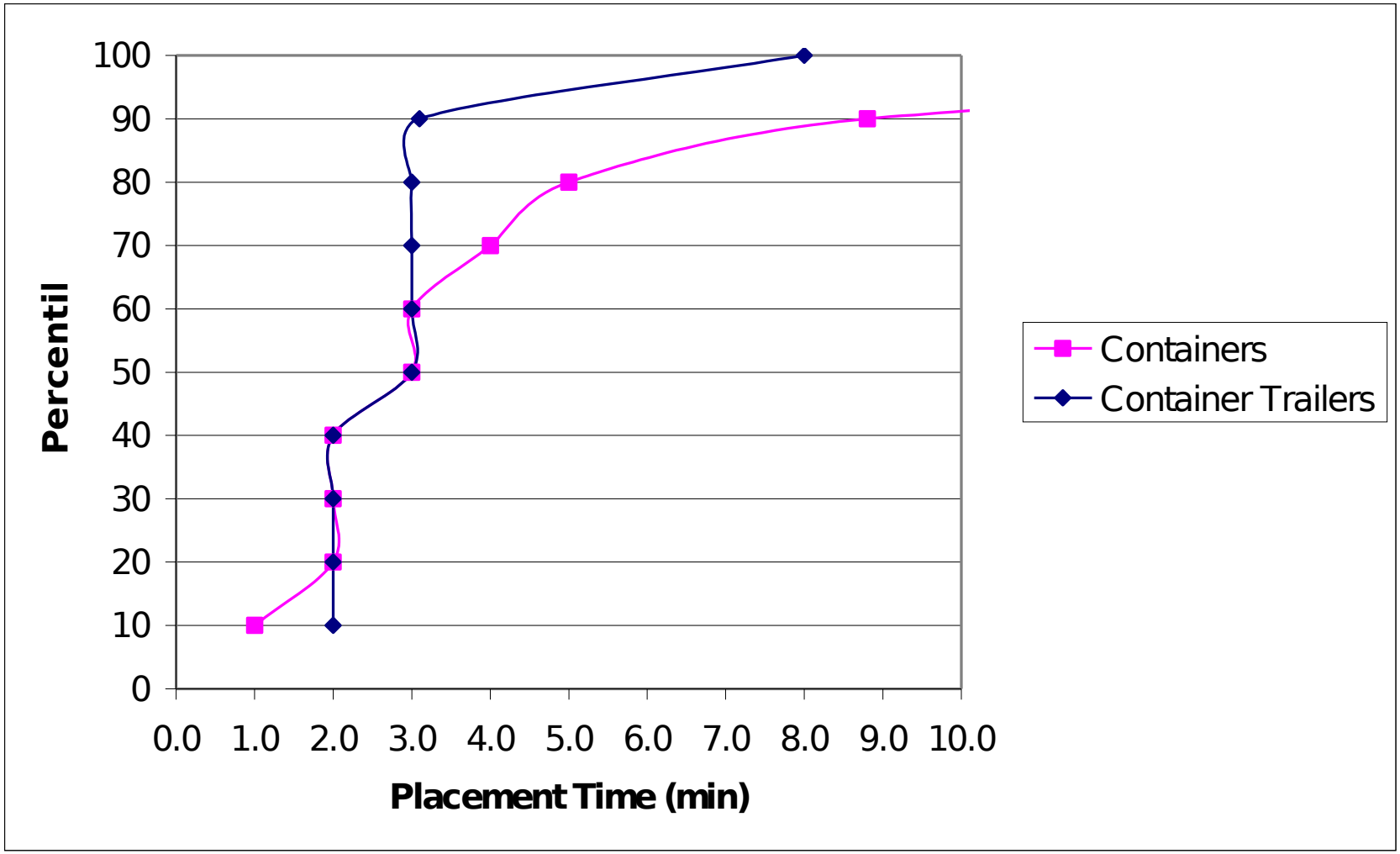
Set Down Time



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Minimum vs. Average

	Minimum	Average	% Dif.
Container Trailers	11	19:54	55
Top Containers	14	25:39	55
Bottom Containers	10	23:57	42
Containers in Hold	11	19:46	56
Other	9	18:16	49

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Cycle Time Improvements

- The first few feet and the last few feet
  - Spreader bar
  - Container placement
- Transfer time
  - Crane control improvements
    - Pendulation Control System
    - Integrated Rider Block Tagline System
    - Twin platform slew bypass
  - No Replacement for Training & Experience!

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Questions?

To receive a copy of the full report, please contact me at:

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